



**US Army Corps
of Engineers®**



Buffalo Harbor, NY

Harbor Features

- Located on Lake Erie in the city of Buffalo, Erie County, New York.
- Authorization: River & Harbor Acts of 1826, 1866, 1874, 1896, 1899, 1900, 1902, 1907, 1909, 1910, 1912, 1919, 1927, 1930, 1935, 1945, 1960, 1962 and Water Resources Development Acts of 1986 and 1988.
- Deep draft commercial harbor.
- Controlling depths are 23-30 feet in the Outer Harbor and 22 feet in the river.
- 128th leading U.S. port with 1.6M tons of material shipped or received in 2005.
- Buffalo Harbor is ranked 30th among the Great Lakes Ports.
- Over 4.5 miles of breakwater structures.
- 5.5 miles of Federal Channel on the Buffalo River.
- A confined disposal facility is located at the south entrance channel.
- Major stakeholders include the Port of Buffalo, U.S. Coast Guard, General Mills, Exxon-Mobil, Lafarge Cement and Founders Supplies, Incorporated.

Project Needs

- Routine maintenance dredging removes approximately 140,000 cubic yards (CY) of material every two years.
- The current sediment backlog within the functional harbor areas is estimated at approximately 1M CY.
- Severely deteriorated sections of the South breakwater must be repaired. The most critical repairs are needed on a portion of the breakwater that experienced considerable damage over the past winter and has visible areas of slope failure.



Consequences of Not Maintaining the Project

- Significant loss of jobs both locally and regionally.
- Light loading; loss of between 1 and 2 feet of channel depth results in increased transportation costs of between \$208K and \$518K annually.

Transportation Importance

- Major receiving and shipping port on the Great Lakes.
- Commodities shipped or received include aggregates, limestone, grain, cement, ores and minerals.
- Buffalo moved the most coal ever across its docks in 2005.
- The Port of Buffalo is working on three major projects which could further increase shipping traffic.
- In 2005, specialty shipments from Brazil and Germany were received for a new press at the Ford stamping plant nearby in Woodlawn.
- Bulk commodities that pass through Buffalo Harbor generate approximately \$12.1M annually in direct revenue which supports over 152 jobs.
- These jobs generate over \$5.6M per year in personal income.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009
Buffalo Harbor, New York Project Needs and President's Budget (\$1,000)**

Work Package	FY07 Need	FY07 Work Plan	FY08 Need	FY08 Budget	FY09 Need	FY09 Budget*
Project Condition Surveys	44	44	95	95	60	
Repair 250 LF of the South Breakwater	340	0				
E&D Repair of 1000 LF of the North Breakwater	250	0				
Sediment Sampling and Analysis	130	130				
Water Control Data Collection	38	38		0	42	
Snagging and Clearing (F/P)	20	20	20	20	20	
Structure Repair – CDF No. 4 (F/P)	100	0			100	
Structure Repair – South Breakwater (F/P)			800	800	510	
Maintenance Dredging – Primary Work Package			1,100	1,100	0	
Maintenance Dredging – Backlog Work Package					1,526	
Environmental Compliance (CDF Monitoring, Field)	0	80	15	15	15	
Environmental Compliance (CDF – Risk Assessment)	100	0	15	15	10	
Environmental Compliance Management					15	
E&D South Breakwater Repair (1,800 LF)			200	0	300	
TOTALS	1,022	312	2,245	2,045	2,598	

* FY09 President's Budget will be available in February 2008